We claim:

1. A method of preparing a cured bonded composite comprising the steps of:
   a) applying onto a first substrate, a prepolymer composition comprising in weight percent, based on the weight of said prepolymer composition:
      (i) from 15% to 70% of at least one uncurable polyester resin, wherein said resin contains fewer curable reactive groups than 0.01 mole/kg of resin, and wherein said resin has acid value of 2 mg KOH/g of resin or greater; and
      (ii) from 30% to 85% of a least one polymerizable compound;
   b) contacting a second substrate with said prepolymer composition to provide an uncured composite, wherein said prepolymer composition is in contact with said first substrate and said second substrate; and
   c) subjecting said uncured composite to electron beam radiation to provide said cured bonded composite.

2. The method of claim 1, wherein said polymerizable compound comprises at least one monomer selected from the group consisting of esters of acrylic acid with a polyol, esters of methacrylic acid with a polyol, and mixtures thereof.

3. The method of claim 1, wherein said uncured composite is subjected to said electron beam radiation with a dose of 20 kGy (2 Mrad) to 70 kGy (7 Mrad).

4. The method of claim 1, wherein said polymerizable compound comprises at least one urethane monoacrylate monomer.

5. A composition useful as an adhesive when cured by electron beam radiation comprising a prepolymer composition comprising in weight percent, based on the weight of said prepolymer composition:
   (i) from 15 to 70 % of at least one uncurable polyester resin, wherein said resin contains fewer curable reactive groups than 0.01 mole/kg of resin, and wherein said resin has acid value of 2 mg KOH/g of resin or greater; and

(ii) from 30 to 85 % of a least one polymerizable compound.

6. The composition of claim 5, wherein said polymerizable compound comprises at least one monomer selected from the group consisting of esters of acrylic acid with a polyol, esters of methacrylic acid with a polyol, and mixtures thereof.

7. The composition of claim 5, wherein said polymerizable compound comprises at least one urethane monoacrylate monomer.

8. The composition of claim 5, wherein said polymerizable compound comprises at least one ester of acrylic acid with a polyol or at least one ester of methacrylic acid with a polyol; and wherein wherein said polymerizable compound comprises at least one urethane monoacrylate monomer.